GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:3397
ANSWERED ON:13.03.2003
ELECTRIFICATION BY RENEWABLE ENERGY
RAM SHAKAL

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether there is a vast potential for the renewable energy sources to meet the requirements of the unelectrified villages in the hilly and forest areas of U.P.

(b) if so, the details thereof;

(c) whether I.R.E.D.A. has made any assessment regarding potential of renewable energy in each State; and

(d) if so, the details thereof, State-wise?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a), (b), (c) & (d): According to statistics of November 2002 of the Central Electricity Authority (CEA) there are 19,684 villages (1991 census) still to be electrified in Uttar Pradesh. Renewable energy sources can be effectively used for the electrification of villages in remote and difficult areas. The Ministry of Non-Conventional Energy Sources is implementing a programme for electrification of villages in remote areas in the country, including the state of Uttar Pradesh. Under this programme, renewable energy systems like solar photovoltaic systems & power plants, small hydro units and biomass gasifiers are installed in these villages to provide lighting and other services. The programme for electrification of villages in Uttar Pradesh is being implemented through the state renewable energy development agency i. e. the Non-Conventional Energy Development Agency of Uttar Pradesh (NEDA), Lucknow. A project for electrification of 14 remote villages through installation of solar photovoltaic power plants is presently under implementation by NEDA. Further, 211 sites have been identified in the state for setting up small hydro projects of aggregate 267 MW capacity. There is also some potential for setting up biomass gasifier based systems for electrification of villages in the state. The Indian Renewable Energy Development Agency (IREDA) has not made any separate assessment of the potential of renewable energy in the state.